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NATIONAL COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 16, No. 31

WEEKLY REPORT

Week Ending August 5, 1967

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

EPIDEMIOLOGIC NOTES AND REPORTS

POLIOMYELITIS – Philodelphio, Pennsylvonio

In July 1967, one case of poliomyelitis was reported from Philadelphia, Pennsylvania. A second possible case is under investigation. Prior to these, no cases had been reported from the city since 1963.

One case was reported in a 9-month-old Puerto Rican boy who developed asymmetrical paralysis of the extremities which progressed to respiratory insufficiency early in July. Poliovirus type 1, subsequently characterized as a "wild type" at the Wistar Institute, was isolated from throat washings and stool specimens. The patient had never been immunized against polio.

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A possible case occurred in a 2-year-old Negro male who developed a febrile illness with vomiting, diarrhea, and leg weakness in early June. Although the clinical picture was complicated by plumbism, type 1 poliovirus was isolated from throat washings and stool specimens.

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	31st WEEK ENDED		MEDIAN 1962 - 1966	CUMULATIVE, FIRST 31 WEEKS		
	AUGUST 5, 1967	AUGUST 6, 1966		1967	1966	MEDIAN 1962 - 1966
Aseptic meningitis	72	93	64	1,178	1,104	952
Brucellosis	7	3	6	160	131	216
Diphtheria	–	1	1	61	99	151
Encephalitis, primary:						
Arthropod-borne & unspecified	47	39	- - -	827	841	- - -
Encephalitis, post-infectious	23	13	- - -	557	533	- - -
Hepatitis, serum	45	44	603	1,251	815	24,239
Hepatitis, infectious	655	559		22,886	19,558	
Malaria	36	3	1	1,184	192	52
Measles (rubeola)	288	844	1,746	56,624	186,190	352,595
Meningococcal infections, total	26	43	40	1,564	2,525	1,795
Civilian	26	43	- - -	1,456	2,261	- - -
Military	–	–	- - -	108	264	- - -
Poliomyelitis, total	1	10	9	19	55	61
Paralytic	1	10	8	16	51	51
Rubella (German measles)	203	281	- - -	38,849	40,386	- - -
Streptococcal sore throat & scarlet fever	4,201	4,396	3,911	301,031	286,236	265,358
Tetanus	3	6	8	116	98	146
Tularemia	6	2	6	100	94	170
Typhoid fever	10	12	11	234	206	236
Typhus, tick-borne (Rky. Mt. spotted fever)	15	16	15	160	150	135
Rabies in animals	76	70	69	2,729	2,602	2,602

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	2	Rabies in man: NY State-1*	2
Botulism:	2	Rubella, Congenital Syndrome:	4
Leptospirosis:	22	Trichinosis: NYC-2	45
Plague:	2	Typhus, murine: Ala.-1	28
Psittacosis: Mass.-2, Tex.-1	31	Polio, Unsp.	3

*Imported

POLIOMYELITIS – Philadelphia, Pennsylvania

(Continued from front page)

Further characterization is pending. The patient was hospitalized for one month and is now fully recovered. The child had an undocumented history of unknown doses of oral polio vaccine in 1965 and 1966.

Preliminary investigation failed to reveal any relationship of the cases to vaccine or to each other, and did not suggest a link to cases in other geographic areas. The two cases occurred within a half mile of each other in low socioeconomic neighborhoods; an earlier survey indicated that the residents in these areas were poorly immunized. A survey of selected Philadelphia hospitals disclosed no other cases of paralytic disease. Further investigation and an ongoing program of hospital surveillance will be undertaken by the Philadelphia Health Department in cooperation with NCDC.

(Reported by William D. Schrack, Jr., M.D., Director, Division of Communicable Diseases, Pennsylvania Department of Health; Lewis D. Polk, M.D., Deputy Health Commissioner for Community Health Services, and Sylvan M. Fish, M.D., Chief, Communicable Disease Section, both with the City of Philadelphia Department of Health; and an EIS Officer.)

CASE OF IMPORTED RABIES – New York

A confirmed case of imported rabies occurred in a 58-year-old woman who was bitten by a stray dog in Guinea, Africa, on May 31, 1967, and died in a New York Naval Hospital on July 25, 1967.

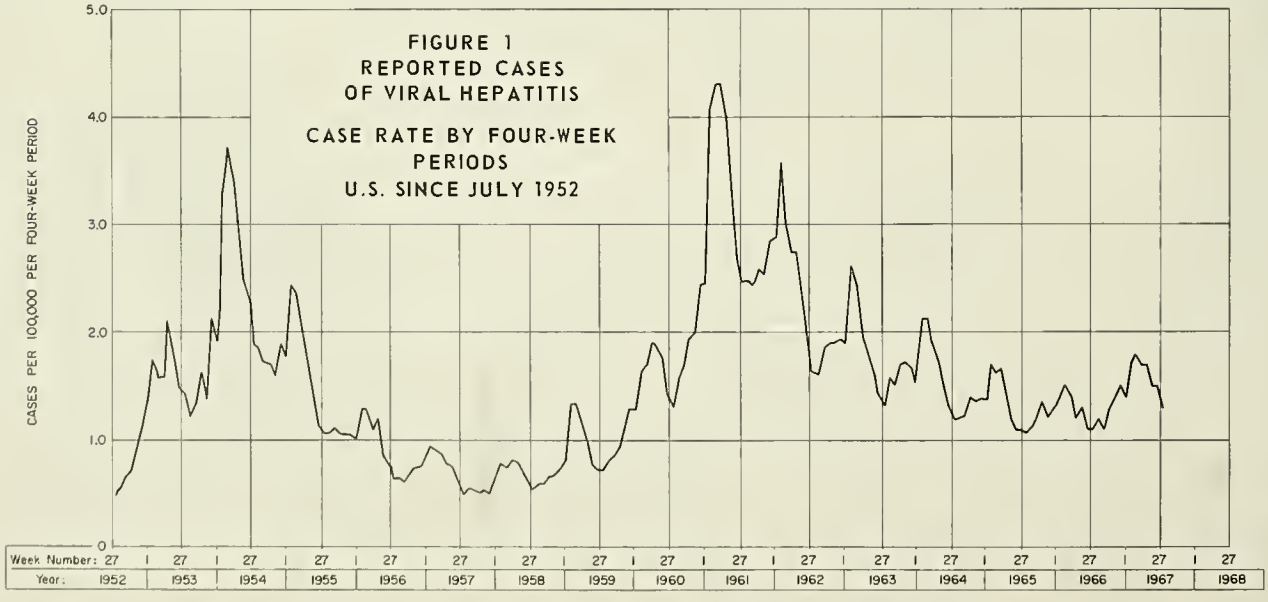
The patient had been treated with 21 daily doses of duck embryo vaccine but no serum. The lesion on her leg was slow to heal, and on July 16 she began experiencing pain in the left leg which progressed into the lumbar region by the next day. She was transferred from Africa by plane to New York; while en route, she had laryngeal spasms and was agitated and belligerent. On admission to St. Albans Naval Hospital on July 20, she was unable to swallow. The patient followed a clinical course of increasingly severe encephalitic symptoms to death on July 25.

Autopsy specimens were found highly positive for rabies by Sellers stain and by direct fluorescent microscopy procedures by the Laboratories for Veterinary Science, Griffin Laboratory, New York State Department of Health.

(Reported by Dr. Julia Freitag, Director, Office of Epidemiology, Division of Public Health Research, Development and Evaluation, New York State Department of Health; Dr. C. F. Bishop, Director of Laboratories, St. Albans Naval Hospital, St. Albans, New York.)

SURVEILLANCE SUMMARY
HEPATITIS
Spring Quarter and Review of Epidemiologic Year 1966-67*

During the last quarter of the epidemiologic year 1966-67* (April 2 through July 1, 1967), 9,920 cases of viral hepatitis were reported in the United States. This represents a rate of 5.0 cases per 100,000 population for the spring quarter. For the entire epidemiologic year 1966-67 (July 3, 1966 through July 1, 1967), a total of 37,250 cases



HEPATITIS – *(Continued from page 258)*

of viral hepatitis were reported in the United States, representing an annual rate of 18.8 cases per 100,000 population.

Figure 1 presents the number of reported cases per 100,000 population by 4-week periods from July 1952 through the 30th week of 1967 (week ending July 29, 1967). The decline in incidence observed over the past 3 months is consistent with the normal seasonal patterns. However, the upswing noted during the fall and winter quarters of epidemiologic year 1966-67 appears to represent a reversal in the downward trend observed in the 5 years following the peak year of 1960-61.

Tables 1 and 2 show the numbers of cases and rates, respectively, for the spring quarter and epidemiologic year 1966-67 in relation to those for the last 10 epidemiologic years. Following the peak spring quarter incidence in 1960-61 (10.9), successive spring quarters through 1965-66 reflect a continuing decline in rates (Table 2). This downward trend was reversed during the spring quarter of the epidemiologic year 1966-67 when a rate of 5.0 was observed, compared with 4.1 during the spring quarter of the preceding year (1965-66). A similar reversal in successive spring quarterly rates occurred in 1958-59, 2 years before the peak year (1960-61) of the second epidemic cycle (Figure 1).

Similarly, following the peak annual incidence of 35.4 observed during 1960-61, a continuing decline in annual rates is notable through 1965-66. The rate of 18.8 for epidemiologic year 1966-67 represents a reversal in this downward trend from the peak year 1960-61.

Table 1
Number of Reported Cases of Viral Hepatitis Per Quarter
(Values include revised and delayed weekly reports through current week)

Epidemiologic Year	Summer Quarter	Fall Quarter	Winter Quarter	Spring Quarter	Total* Year
1956-57	3,469	4,115	5,019	3,938	16,541
1957-58	2,925	2,782	4,414	3,876	13,997
1958-59	3,262	4,243*	7,088	4,864	19,457
1959-60	4,630	6,434	9,793	9,917	30,774
1960-61	8,940	12,403	23,026	19,898	64,267
1961-62	14,229	15,637	18,028	13,626	61,520
1962-63	10,273	11,383	13,805	9,861	45,322
1963-64	8,969	10,256	12,118	9,330	40,673
1964-65	7,590	9,350*	10,311	7,876	35,127
1965-66	7,361	8,100	9,508	8,107	33,076
1966-67	7,298	9,153	10,882	9,920	37,253

*14-week periods

Table 2
Reported Cases of Viral Hepotitis
Per 100,000 Populotion Per Quarter
(Population as of January 1, middle of epidemiologic year)

Epidemiologic Year	Summer Quarter	Fall Quarter	Winter Quarter	Spring Quarter	Total Year
1956-57	2.1	2.4	2.9	2.3	9.7
1957-58	1.7	1.6	2.5	2.2	8.0
1958-59	1.9	2.3	4.0	2.7	10.0
1959-60	2.6	3.6	5.4	5.5	17.1
1960-61	5.0	6.9	12.6	10.9	35.4
1961-62	7.8	8.5	9.7	7.3	33.3
1962-63	5.5	6.1	7.3	5.2	24.1
1963-64	4.8	5.4	6.3	4.9	21.4
1964-65	4.0	4.5	5.3	4.1	17.9
1965-66	3.8	4.2	4.9	4.1	17.0
1966-67	3.7	4.6	5.5	5.0	18.8

Table 3
Reported Cases and Rates of Viral Hepatitis by Division

Division	1965-66 Cases	1965-66 Rate*	1966-67 Cases	1966-67 Rate*	Percent Change in Rates (1965-66 – 1966-67)
Total - United States	33,076	17.0	37,253	18.9	+11
New England	1,458	13.0	1,699	15.1	+16
Mid Atlantic	5,735	15.7	6,572	17.8	+13
East North Central	6,406	16.7	5,835	15.1	−10
West North Central	1,837	11.6	2,358	14.9	+28
South Atlantic	3,440	11.9	3,811	12.9	+ 8
East South Central	2,695	20.9	2,438	18.8	−10
West South Central	2,630	14.1	3,364	17.8	+26
Mountain	1,579	20.4	1,933	24.6	+21
Pacific	7,296	29.7	9,243	36.8	+24

*Reported cases per 100,000 population for epidemiologic year (based on January 1 population estimates, middle of epidemiologic year).

Table 3 lists the number of reported cases, rates, and percent change in rates for epidemiologic years 1965-66 and 1966-67 for each of the nine geographic divisions of the country. An overall increase in rate of 11 percent was seen in the United States from 1965-66 to 1966-67. Increases in rates were similarly observed in seven of the nine divisions, ranging from 8 to 28 percent. Large increases were noted in four divisions, West North Central, West South Central, Mountain, and Pacific (28, 26, 21, and 24 percent, respectively). Two of the nine divisions, East North Central and East South Central, showed decreases in rates (−10 percent).

(Reported by the Hepatitis Surveillance Unit, Epidemiology Program, NCDC.)

*Hepatitis morbidity data are summarized in terms of an "Epidemiologic year," which runs from the 27th week of each year through the 26th week of the succeeding year.

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

AUGUST 5, 1967 AND AUGUST 6, 1966 (31st WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			
					Primary including unsp. cases		Post-Infectious	Serum		Infectious	
	1967	1966	1967	1967	1967	1966	1967	1967	1966	1967	1966
UNITED STATES...	72	93	7	-	47	39	23	45	44	655	559
NEW ENGLAND.....	1	19	-	-	1	5	3	-	3	29	39
Maine.....	-	1	-	-	-	-	-	-	-	1	6
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	1
Vermont.....	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	1	15	-	-	-	2	2	-	1	17	17
Rhode Island.....	-	2	-	-	1	2	-	-	1	3	5
Connecticut.....	-	1	-	-	-	1	1	-	1	8	10
MIDDLE ATLANTIC.....	12	9	-	-	7	12	-	17	25	109	82
New York City.....	3	1	-	-	3	3	-	7	12	21	15
New York, up-State.	1	3	-	-	1	2	-	-	1	19	31
New Jersey.....	5	2	-	-	-	5	-	7	11	41	11
Pennsylvania.....	3	3	-	-	3	2	-	3	1	28	25
EAST NORTH CENTRAL...	6	14	1	-	20	11	4	1	2	107	54
Ohio.....	1	1	-	-	13	6	-	-	-	20	8
Indiana.....	-	-	-	-	-	-	-	-	-	6	3
Illinois.....	4	9	1	-	4	4	1	-	1	43	7
Michigan.....	1	3	-	-	3	-	3	1	1	33	30
Wisconsin.....	-	1	-	-	-	1	-	-	-	5	6
WEST NORTH CENTRAL...	2	3	2	-	4	2	4	1	1	31	52
Minnesota.....	1	3	1	-	1	-	3	1	-	3	2
Iowa.....	1	-	-	-	2	-	1	-	-	7	12
Missouri.....	-	-	-	-	1	-	-	-	1	11	33
North Dakota.....	-	-	-	-	-	1	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	1	-	-	-	-	-	-	1	3
Kansas.....	-	-	-	-	-	1	-	-	-	9	2
SOUTH ATLANTIC.....	14	4	2	-	7	2	2	-	1	72	63
Delaware.....	-	-	-	-	-	1	-	-	-	3	-
Maryland.....	4	1	-	-	3	-	-	-	-	14	6
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	2	-
Virginia.....	2	1	2	-	2	1	-	-	-	9	12
West Virginia.....	3	-	-	-	-	-	-	-	-	4	5
North Carolina.....	-	1	-	-	-	-	-	-	1	5	12
South Carolina.....	5	-	-	-	-	-	-	-	-	2	1
Georgia.....	-	-	-	-	-	-	-	-	-	14	12
Florida.....	-	1	-	-	2	-	2	-	-	19	15
EAST SOUTH CENTRAL...	9	6	-	-	1	1	-	1	-	33	26
Kentucky.....	1	-	-	-	-	-	-	-	-	13	5
Tennessee.....	4	1	-	-	1	1	-	1	-	9	14
Alabama.....	2	-	-	-	-	-	-	-	-	5	1
Mississippi.....	2	5	-	-	-	-	-	-	-	6	6
WEST SOUTH CENTRAL...	9	11	1	-	3	1	-	-	-	66	42
Arkansas.....	1	-	1	-	-	-	-	-	-	3	7
Louisiana.....	1	2	-	-	1	1	-	-	-	13	8
Oklahoma.....	5	1	-	-	2	-	-	-	-	6	4
Texas.....	2	8	-	-	-	-	-	-	-	44	23
MOUNTAIN.....	-	1	1	-	1	2	-	-	-	20	42
Montana.....	-	-	-	-	-	-	-	-	-	2	4
Idaho.....	-	-	-	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	2	1
Colorado.....	-	1	-	-	1	2	-	-	-	-	8
New Mexico.....	-	-	-	-	-	-	-	-	-	4	6
Arizona.....	-	-	-	-	-	-	-	-	-	9	11
Utah.....	-	-	1	-	-	-	-	-	-	3	7
Nevada.....	-	-	-	-	-	-	-	-	-	-	5
PACIFIC.....	19	26	-	-	3	3	10	25	12	188	159
Washington.....	1	3	-	-	-	-	2	-	-	18	26
Oregon.....	2	-	-	-	-	-	-	-	-	16	23
California.....	14	23	-	-	3	3	8	25	12	154	108
Alaska.....	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	2	-	-	-	-	-	-	-	-	-	2
Puerto Rico	1	-	-	-	-	-	-	-	-	18	32

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

AUGUST 5, 1967 AND AUGUST 6, 1966 (31st WEEK) - CONTINUED

AREA	MALARIA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS			RUBELLA
			Cumulative			Cumulative		Total	Paralytic		
	1967	1967	1967	1966	1967	1967	1966	1967	1967	Cum. 1967	1967
UNITED STATES...	36	288	56,624	186,190	26	1,564	2,525	1	1	16	203
NEW ENGLAND.....	-	4	818	2,203	5	65	113	-	-	-	21
Maine.....	-	1	234	194	-	3	9	-	-	-	8
New Hampshire.....	-	-	74	75	-	2	9	-	-	-	-
Vermont.....	-	-	42	221	1	1	4	-	-	-	-
Massachusetts.....	-	3	319	761	2	32	44	-	-	-	10
Rhode Island.....	-	-	62	72	-	4	12	-	-	-	-
Connecticut.....	-	-	87	880	2	23	35	-	-	-	3
MIDDLE ATLANTIC.....	1	18	2,185	17,872	5	255	297	-	-	4	22
New York City.....	1	8	429	8,223	2	46	41	-	-	1	18
New York, Up-State.	-	6	549	2,483	1	61	84	-	-	1	4
New Jersey.....	-	1	479	1,844	2	90	87	-	-	-	-
Pennsylvania.....	-	3	728	5,322	-	58	85	-	-	2	-
EAST NORTH CENTRAL...	2	65	5,202	67,747	6	214	391	-	-	-	65
Ohio.....	-	2	1,127	6,315	1	70	107	-	-	-	1
Indiana.....	1	2	587	5,615	1	30	66	-	-	-	10
Illinois.....	-	16	920	11,244	3	50	75	-	-	-	1
Michigan.....	1	18	897	13,983	1	49	104	-	-	-	14
Wisconsin.....	-	27	1,671	30,590	-	15	39	-	-	-	39
WEST NORTH CENTRAL...	3	9	2,801	8,647	1	67	140	-	-	2	7
Minnesota.....	-	1	120	1,638	-	16	33	-	-	-	-
Iowa.....	-	-	743	5,298	1	13	22	-	-	1	5
Missouri.....	-	1	331	529	-	13	54	-	-	-	-
North Dakota.....	-	6	840	1,067	-	1	9	-	-	-	2
South Dakota.....	-	-	52	40	-	6	4	-	-	-	-
Nebraska.....	-	1	622	75	-	12	8	-	-	-	-
Kansas.....	3	-	93	NN	-	6	10	-	-	1	-
SOUTH ATLANTIC.....	12	53	6,769	14,851	5	297	421	-	-	2	22
Delaware.....	-	-	43	251	-	6	4	-	-	-	-
Maryland.....	-	1	147	2,090	1	35	43	-	-	1	2
Dist. of Columbia..	-	-	22	380	-	10	11	-	-	-	-
Virginia.....	-	38	2,159	2,090	1	35	51	-	-	-	4
West Virginia.....	-	9	1,355	5,098	1	21	19	-	-	-	9
North Carolina.....	10	1	842	431	2	66	104	-	-	1	-
South Carolina.....	1	1	507	652	-	28	46	-	-	-	-
Georgia.....	-	-	32	233	-	44	57	-	-	-	-
Florida.....	1	3	1,662	3,626	-	52	86	-	-	-	7
EAST SOUTH CENTRAL...	1	16	5,090	19,433	-	123	217	-	-	1	4
Kentucky.....	-	-	1,315	4,665	-	34	80	-	-	-	-
Tennessee.....	-	8	1,802	12,124	-	51	72	-	-	-	2
Alabama.....	1	7	1,316	1,660	-	25	46	-	-	-	2
Mississippi.....	-	1	657	984	-	13	19	-	-	1	-
WEST SOUTH CENTRAL...	2	63	17,050	23,820	1	212	359	1	1	7	2
Arkansas.....	-	-	1,404	966	-	28	33	-	-	-	-
Louisiana.....	2	1	151	98	1	83	136	-	-	-	-
Oklahoma.....	-	5	3,325	470	-	16	18	-	-	1	-
Texas.....	-	57	12,170	22,286	-	85	172	1	1	6	2
MOUNTAIN.....	6	19	4,556	11,664	-	27	80	-	-	-	14
Montana.....	-	-	277	1,301	-	-	4	-	-	-	3
Idaho.....	-	1	375	1,520	-	1	5	-	-	-	-
Wyoming.....	-	1	179	144	-	1	6	-	-	-	-
Colorado.....	5	4	1,527	1,231	-	12	41	-	-	-	7
New Mexico.....	1	2	575	1,108	-	3	10	-	-	-	-
Arizona.....	-	10	997	5,227	-	4	10	-	-	-	3
Utah.....	-	1	357	590	-	4	-	-	-	-	1
Nevada.....	-	-	269	43	-	2	4	-	-	-	-
PACIFIC.....	9	41	12,153	19,953	3	304	507	-	-	-	46
Washington.....	-	7	5,407	3,458	-	25	37	-	-	-	6
Oregon.....	2	9	1,548	1,655	-	24	33	-	-	-	4
California.....	5	16	4,904	14,375	3	242	418	-	-	-	23
Alaska.....	-	2	132	340	-	9	15	-	-	-	13
Hawaii.....	2	7	162	125	-	4	4	-	-	-	-
Puerto Rico.....	-	25	2,084	2,504	1	12	10	-	-	-	2

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
AUGUST 5, 1967 AND AUGUST 6, 1966 (31st WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967	1967	Cum. 1967
UNITED STATES...	4,201	3	116	6	100	10	234	15	160	76	2,729
NEW ENGLAND.....	575	-	1	-	-	-	3	-	1	2	62
Maine.....	28	-	-	-	-	-	-	-	-	-	15
New Hampshire.....	15	-	-	-	-	-	-	-	-	2	37
Vermont.....	-	-	-	-	-	-	-	-	-	-	7
Massachusetts.....	114	-	1	-	-	-	2	-	1	-	2
Rhode Island.....	44	-	-	-	-	-	-	-	-	-	1
Connecticut.....	374	-	-	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC.....	150	2	11	-	-	-	21	-	17	1	53
New York City.....	3	-	5	-	-	-	10	-	-	-	-
New York, Up-State.	144	-	1	-	-	-	7	-	4	1	44
New Jersey.....	NN	-	1	-	-	-	2	-	6	-	-
Pennsylvania.....	3	2	4	-	-	-	2	-	7	-	9
EAST NORTH CENTRAL...	268	-	15	-	10	2	19	-	15	9	287
Ohio.....	12	-	4	-	-	-	4	-	7	2	99
Indiana.....	64	-	2	-	2	2	6	-	1	5	63
Illinois.....	43	-	7	-	8	-	2	-	7	-	56
Michigan.....	113	-	2	-	-	-	6	-	-	-	23
Wisconsin.....	36	-	-	-	-	-	1	-	-	2	46
WEST NORTH CENTRAL...	126	-	10	3	17	1	14	-	1	15	645
Minnesota.....	2	-	3	-	-	-	1	-	-	4	124
Iowa.....	34	-	1	-	1	-	2	-	-	3	79
Missouri.....	5	-	5	2	6	1	7	-	1	1	119
North Dakota.....	46	-	-	-	-	-	-	-	-	5	116
South Dakota.....	10	-	1	-	1	-	-	-	-	1	91
Nebraska.....	19	-	-	-	-	-	3	-	-	-	40
Kansas.....	10	-	-	1	9	-	1	-	-	1	76
SOUTH ATLANTIC.....	464	-	25	-	8	3	30	12	69	8	356
Delaware.....	2	-	-	-	-	-	-	-	-	-	-
Maryland.....	48	-	-	-	-	-	2	-	11	-	-
Dist. of Columbia..	-	-	-	-	-	-	1	-	-	-	-
Virginia.....	101	-	6	-	-	-	4	1	17	3	170
West Virginia.....	125	-	-	-	2	-	1	1	1	-	54
North Carolina.....	13	-	6	-	-	-	3	10	30	-	3
South Carolina.....	52	-	1	-	2	-	4	-	3	-	-
Georgia.....	17	-	3	-	3	-	8	-	7	4	83
Florida.....	106	-	9	-	1	3	7	-	-	1	46
EAST SOUTH CENTRAL...	944	-	19	-	8	2	34	3	30	5	521
Kentucky.....	83	-	-	-	1	-	14	1	10	-	114
Tennessee.....	721	-	8	-	5	-	6	1	14	5	369
Alabama.....	132	-	8	-	-	1	9	1	6	-	36
Mississippi.....	8	-	3	-	2	1	5	-	-	-	2
WEST SOUTH CENTRAL...	449	1	20	3	46	1	29	-	13	23	571
Arkansas.....	2	-	5	2	28	-	7	-	3	-	77
Louisiana.....	3	-	3	-	3	-	12	-	-	3	49
Oklahoma.....	25	-	-	1	12	1	6	-	6	10	187
Texas.....	419	1	12	-	3	-	4	-	4	10	258
MOUNTAIN.....	532	-	-	-	7	-	16	-	8	5	89
Montana.....	20	-	-	-	1	-	1	-	-	-	-
Idaho.....	17	-	-	-	-	-	-	-	-	-	-
Wyoming.....	3	-	-	-	2	-	-	-	-	1	5
Colorado.....	267	-	-	-	1	-	11	-	8	-	10
New Mexico.....	125	-	-	-	-	-	1	-	-	2	26
Arizona.....	35	-	-	-	-	-	3	-	-	2	43
Utah.....	65	-	-	-	3	-	-	-	-	-	2
Nevada.....	-	-	-	-	-	-	-	-	-	-	3
PACIFIC.....	693	-	15	-	4	1	68	-	6	8	145
Washington.....	95	-	-	-	2	-	-	-	1	-	1
Oregon.....	40	-	1	-	-	-	-	-	-	1	2
California.....	470	-	12	-	2	1	65	-	5	7	142
Alaska.....	40	-	-	-	-	-	-	-	-	-	-
Hawaii.....	48	-	2	-	-	-	3	-	-	-	-
Puerto Rico.....	7	-	9	-	-	-	4	-	-	-	25

Week No. 31

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED AUGUST 5, 1967

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
NEW ENGLAND:	757	442	29	38
Boston, Mass.	227	125	6	11
Bridgeport, Conn.	79	39	3	4
Cambridge, Mass.	19	13	-	-
Fall River, Mass.	24	14	-	-
Hartford, Conn.	56	34	3	7
Lowell, Mass.	26	19	1	-
Lynn, Mass.	23	12	2	2
New Bedford, Mass.	28	19	2	-
New Haven, Conn.	59	25	3	6
Providence, R. I.	69	45	1	4
Somerville, Mass.	12	7	2	-
Springfield, Mass.	46	34	3	2
Waterbury, Conn.	29	14	-	2
Worcester, Mass.	60	42	3	-
MIDDLE ATLANTIC:	3,069	1,720	97	149
Albany, N. Y.	54	26	2	4
Allentown, Pa.	29	16	-	1
Buffalo, N. Y.	147	81	3	8
Camden, N. J.	46	29	-	3
Elizabeth, N. J.	34	22	2	1
Erie, Pa.	52	38	1	2
Jersey City, N. J.	66	35	2	-
Newark, N. J.	76	35	4	5
New York City, N. Y.	1,580	869	52	72
Paterson, N. J.	35	21	1	1
Philadelphia, Pa.	416	219	10	31
Pittsburgh, Pa.	166	84	4	4
Reading, Pa.	57	42	4	-
Rochester, N. Y.	107	70	3	2
Schenectady, N. Y.	19	16	3	1
Scranton, Pa.	34	21	4	2
Syracuse, N. Y.	61	39	1	7
Trenton, N. J.	38	20	-	4
Utica, N. Y.	18	12	1	-
Yonkers, N. Y.	34	25	-	1
EAST NORTH CENTRAL:	2,412	1,301	69	145
Akron, Ohio	48	26	-	1
Canton, Ohio	34	17	-	1
Chicago, Ill.	692	358	22	48
Cincinnati, Ohio	152	91	8	10
Cleveland, Ohio	197	96	2	10
Columbus, Ohio	114	67	2	8
Dayton, Ohio	72	41	-	4
Detroit, Mich.	393	197	10	24
Evansville, Ind.	40	22	2	2
Flint, Mich.	53	26	2	6
Fort Wayne, Ind.	40	22	1	1
Gary, Ind.	22	13	3	1
Grand Rapids, Mich.	55	33	2	3
Indianapolis, Ind.	139	70	2	5
Madison, Wis.	25	19	-	-
Milwaukee, Wis.	115	70	3	10
Peoria, Ill.	17	11	1	-
Rockford, Ill.	29	16	2	3
South Bend, Ind.	37	27	3	2
Toledo, Ohio	83	49	4	5
Youngstown, Ohio	55	30	-	1
WEST NORTH CENTRAL:	764	473	20	54
Des Moines, Iowa	52	36	-	1
Duluth, Minn.	21	10	-	-
Kansas City, Kans.	41	25	6	1
Kansas City, Mo.	128	75	3	11
Lincoln, Nebr.	18	15	1	1
Minneapolis, Minn.	92	51	1	13
Omaha, Nebr.	44	28	-	-
St. Louis, Mo.	216	132	3	18
St. Paul, Minn.	89	66	3	4
Wichita, Kans.	63	35	3	5
SOUTH ATLANTIC:	1,036	533	37	56
Atlanta, Ga.	108	48	6	10
Baltimore, Md.	236	124	7	9
Charlotte, N. C.	58	23	2	3
Jacksonville, Fla.	63	26	2	2
Miami, Fla.	86	56	-	2
Norfolk, Va.	59	33	4	2
Richmond, Va.	64	27	1	6
Savannah, Ga.	29	13	1	2
St. Petersburg, Fla.	52	42	3	1
Tampa, Fla.	76	40	3	3
Washington, D. C.	172	89	7	14
Wilmington, Del.	33	12	1	2
EAST SOUTH CENTRAL:	624	324	25	40
Birmingham, Ala.	84	45	2	3
Chattanooga, Tenn.	59	26	5	6
Knoxville, Tenn.	37	27	-	-
Louisville, Ky.	140	75	8	14
Memphis, Tenn.	111	56	3	8
Mobile, Ala.	42	17	1	3
Montgomery, Ala.	43	30	1	2
Nashville, Tenn.	108	48	5	4
WEST SOUTH CENTRAL:	1,034	514	19	70
Austin, Tex.	32	19	1	-
Baton Rouge, La.	30	17	-	1
Corpus Christi, Tex.	28	15	-	1
Dallas, Tex.	154	75	4	7
El Paso, Tex.	30	16	-	5
Fort Worth, Tex.	66	42	3	4
Houston, Tex.	201	83	4	13
Little Rock, Ark.	33	16	-	5
New Orleans, La.	162	69	1	12
Oklahoma City, Okla.	74	43	-	3
San Antonio, Tex.	99	53	-	12
Shreveport, La.	57	29	3	1
Tulsa, Okla.	68	37	3	6
MOUNTAIN:	397	220	18	12
Albuquerque, N. Mex.	50	26	1	2
Colorado Springs, Colo.	21	13	3	1
Denver, Colo.	117	63	11	3
Ogden, Utah	22	10	-	-
Phoenix, Ariz.	75	42	2	3
Pueblo, Colo.	14	8	1	-
Salt Lake City, Utah	53	31	-	3
Tucson, Ariz.	45	27	-	-
PACIFIC:	1,472	880	31	51
Berkeley, Calif.	28	20	-	2
Fresno, Calif.	56	29	1	5
Glendale, Calif.	20	11	-	-
Honolulu, Hawaii	49	23	2	3
Long Beach, Calif.	65	37	1	2
Los Angeles, Calif.	438	273	8	13
Oakland, Calif.	84	52	1	1
Pasadena, Calif.	35	29	1	1
Portland, Oreg.	106	64	1	3
Sacramento, Calif.	64	34	2	1
San Diego, Calif.	76	38	2	3
San Francisco, Calif.	179	103	2	7
San Jose, Calif.	35	25	3	1
Seattle, Wash.	144	79	5	5
Spokane, Wash.	48	30	-	1
Tacoma, Wash.	45	33	2	3
Total	11,565	6,407	345	615

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	387,301
All Causes, Age 65 and over	221,656
Pneumonia and Influenza, All Ages	14,018
All Causes, Under 1 Year of Age	19,643

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INTERNATIONAL NOTES
QUARANTINE MEASURES

Health Information Series for International Travel

The following leaflets in the health information series for international travel were revised in May 1967 and are on sale at the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402. "Health Information for Travel in Europe," PHS-748; "Health Information for Travel in Mexico*, Central and South America and the Caribbean," PHS-748B; "Health Information for Travel in Asia including Japan, Indonesia, and the Philippines and in Australia and New Zealand," PHS 748C; "Health Information for Travel in Africa," PHS 748D. The price is five cents a copy or $3.75 per hundred copies. Previous issues of these leaflets should be destroyed because of changes in typhoid, tetanus, diphtheria, poliomyelitis, and plague vaccinations.

*Since the revision of this leaflet, smallpox vaccination is no longer required for persons traveling between the United States and Mexico provided they have visited only in these two countries during the preceding 14 days.

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In the front page table, "Cases of Specified Notifiable Diseases: United States," the reported number of cases of meningococcal infections among civilians for the 30th week (ending July 30, 1966) should read 34; the cumulative total for civilians for the first 30 weeks of 1966 should read 2,218.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 17,000, IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE NATIONAL COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
NATIONAL COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
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